

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|--|---|------------------|
| 1 | 245 | three near3 dimensional near3 growth and sb | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/05/23 13:00 |
| 2 | 14 | three near3 dimensional near3 growth same sb | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/05/23 12:45 |
| 3 | 26 | three near3 dimensional near3 growth same (quantum near3 well\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/05/23 12:46 |
| 4 | 8 | (three near3 dimensional near3 growth same (quantum near3 well\$1)) and sb | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/05/23 12:55 |
| 5 | 16 | (qw or (quantum near3 well\$1)) same gainassb | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/05/23 13:01 |
| 6 | 0 | three near3 dimensional near3 growth and ((qw or (quantum near3 well\$1)) same gainassb) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/05/23 13:00 |
| 7 | 2 | (qw or (quantum near3 well\$1)) and gainassb and three near3 dimensional near3 growth | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/05/23 13:05 |
| 13 | 2 | (qw or (quantum near3 well\$1)) and gainassb and ((three near3 dimensional near3 growth) or islanding) and (sb or surfactant) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/05/23 13:07 |
| 14 | 2 | gainassb and ((three near3 dimensional near3 growth) or islanding) and (sb or surfactant) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/05/23 13:26 |
| 15 | 48 | (qw or (quantum near3 well\$1)) and ((three near3 dimensional near3 growth) or islanding) and (sb or surfactant) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/05/23 13:08 |
| 16 | 8 | ((qw or (quantum near3 well\$1)) and ((three near3 dimensional near3 growth) or islanding) and (sb or surfactant)) and 372/\$.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/05/23 13:08 |
| 17 | 83 | gainassb | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/05/23 13:26 |
| 18 | 2 | gainassb and ((three near3 dimensional near3 growth) or islanding) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/05/23 13:29 |
| 19 | 7 | gainassb and 372/43.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/05/23 13:27 |
| 20 | 11 | 372/43.ccls. and ((three near3 dimensional near3 growth) or islanding) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/05/23 13:33 |
| 21 | 0 | 372/43.ccls. and suppress\$3 near3 ((three near3 dimensional near3 growth) or islanding) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/05/23 13:34 |

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| 22 | 2 | 372/45.ccls. and suppress\$3 near3 ((three near3 dimensional near3 growth) or islanding) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/05/23 13:35 |
| 23 | 4 | 372/\$.ccls. and suppress\$3 near3 ((three near3 dimensional near3 growth) or islanding) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/05/23 13:56 |
| 24 | 2 | ((("6330263") or ("6566688")).PN. | USPAT; US-PGPUB | 2004/05/23 13:57 |

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| 4 | 8 | (three near3 dimensional near3 growth same (quantum near3 well\$1)) and sb | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/05/23 12:55 |
| 5 | 16 | (qw or (quantum near3 well\$1)) same gainassb | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/05/23 13:01 |
| 6 | 0 | three near3 dimensional near3 growth and ((qw or (quantum near3 well\$1)) same gainassb) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/05/23 13:00 |
| 7 | 2 | (qw or (quantum near3 well\$1)) and gainassb and three near3 dimensional near3 growth | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/05/23 13:05 |
| 13 | 2 | (qw or (quantum near3 well\$1)) and gainassb and ((three near3 dimensional near3 growth) or islanding) and (sb or surfactant) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/05/23 13:07 |
| 14 | 2 | gainassb and ((three near3 dimensional near3 growth) or islanding) and (sb or surfactant) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/05/23 13:26 |
| 15 | 48 | (qw or (quantum near3 well\$1)) and ((three near3 dimensional near3 growth) or islanding) and (sb or surfactant) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/05/23 13:08 |
| 16 | 8 | ((qw or (quantum near3 well\$1)) and ((three near3 dimensional near3 growth) or islanding) and (sb or surfactant)) and 372/\$.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/05/23 13:08 |
| 17 | 83 | gainassb | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/05/23 13:26 |
| 18 | 2 | gainassb and ((three near3 dimensional near3 growth) or islanding) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/05/23 13:29 |
| 19 | 7 | gainassb and 372/43.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/05/23 13:27 |
| 20 | 11 | 372/43.ccls. and ((three near3 dimensional near3 growth) or islanding) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/05/23 13:33 |
| 21 | 0 | 372/43.ccls. and suppress\$3 near3 ((three near3 dimensional near3 growth) or islanding) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/05/23 13:34 |

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| 22 | 2 | 372/45.ccls. and suppress\$3 near3 ((three near3 dimensional near3 growth) or islanding) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/05/23 13:35 |
| 23 | 4 | 372/\$.ccls. and suppress\$3 near3 ((three near3 dimensional near3 growth) or islanding) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/05/23 13:56 |
| 24 | 2 | ((("6330263") or ("6566688")).PN. | USPAT; US-PGPUB | 2004/05/23 13:57 |
| - | 9 | quantum near3 well\$1 and (gainassb or gainasnsb) and gaas and (vcSEL or (edge near3 emitting)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/05/23 12:26 |
| - | 699 | quantum near3 well\$1 and nitride and (substrate near3 gaas) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/30 14:16 |
| - | 2 | (quantum near3 well\$1 and nitride and (substrate near3 gaas)) and barrier near3 ganas | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/30 14:16 |
| - | 10 | quantum near3 well\$1 and (substrate near3 gaas) and gainassb | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/30 14:44 |
| - | 1 | quantum near3 well\$1 and (substrate near3 gaas) and gainasnsb and barrier near3 ganas | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/30 14:45 |
| - | 1 | gainasnsb and ganas | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/30 14:46 |
| - | 7 | gainasnsb | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/30 14:48 |
| - | 10 | vcSEL and nitrogen and antimony and wavelength near3 increas\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/30 14:50 |
| - | 24 | vcSEL and nitrogen and (antimony or sb) and wavelength near3 increas\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/30 15:46 |
| - | 454 | quantum near3 well\$1 and (nitrogen or nitride) and (antimony or sb) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/30 15:55 |
| - | 17 | (quantum near3 well\$1 and (nitrogen or nitride) and (antimony or sb)) and barrier near3 (ganas or gaasn or asgan or asnga or ngaas or nasga) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/30 15:49 |
| - | 17 | (quantum near3 well\$1 and (nitrogen or nitride) and (antimony or sb)) and barrier\$1 near3 (ganas or gaasn or asgan or asnga or ngaas or nasga) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/30 15:49 |
| - | 18 | quantum near3 well\$1 and barrier\$1 near3 (ganas or gaasn or asgan or asnga or ngaas or nasga) and (antimony or sb) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/30 16:06 |
| - | 18 | barrier\$1 near3 (ganas or gaasn or asgan or asnga or ngaas or nasga) and (antimony or sb) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/30 16:21 |

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| - | 7 | (gainasn or ingaasn) and barrier near3 (ganas or gaasn or asgan or asnga or ngaas or nasga) and (antimony or sb) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/30 16:23 |
| - | 29 | (gainasn or ingaasn) and (ganas or gaasn or asgan or asnga or ngaas or nasga) and (antimony or sb) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/30 16:27 |
| - | 30 | (gainasn or ingaasn or gainasnsb or ingaasnsb) and (ganas or gaasn or asgan or asnga or ngaas or nasga) and (antimony or sb) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/30 16:28 |
| - | 8 | (gainasnsb or ingaasnsb) and (ganas or gaasn or asgan or asnga or ngaas or nasga) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/30 16:32 |
| - | 143 | nitride near3 semiconductor and quantum near3 well\$1 and barrier\$1 and (antimony or sb) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/30 17:22 |
| - | 6 | (nitride near3 semiconductor and quantum near3 well\$1 and barrier\$1 and (antimony or sb)) and increas\$3 near3 wavelength | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/30 17:24 |
| - | 4 | (nitride near3 semiconductor and quantum near3 well\$1 and barrier\$1 and (antimony or sb)) and vcsel | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/30 17:26 |
| - | 29 | (nitride near3 semiconductor and quantum near3 well\$1 and barrier\$1 and (antimony or sb)) and (substrate near3 (gaas or asga)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/30 17:26 |
| - | 31 | (ingaassb or gainassb) and nitride | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/31 11:08 |
| - | 0 | Indium near3 Gallium near3 Arsenic near3 Antimonide near3 nitrogen | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/31 10:54 |
| - | 20 | Antimonide near3 nitrogen | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/31 10:58 |
| - | 32 | Antimonide and nitrogen and gallium and indium and arsenic and semiconductor near3 laser | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/31 10:59 |
| - | 9 | (ingaasnsb or gainasnsb) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/31 11:08 |